

What's New

In SmartAnnotate 4.6.4.0, 7.0.3.0 ,8.0.1.0 and 9.0.0.0



Overview



- Ease of use improvements
- Administrative improvements
- Stack-Notes improvements
- Notification Center improvements
- Annotation placement improvements
- Various improvements
- Solved issues



- Integration of 'Flag' tab into relevant object tabs
 - Applies to Std-Annotations (2D) and Stack-Notes (2D and 3D)
 - Significantly reduces tab changes and clicks

🗈 Main	[] Meta data	🙆 Sto	d-Annotation	A Notes	Stack Notes	🗟 Symbols	5 2	D Tables		
		#	Label					Value		
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📑 Main	🛱 Main [] Meta data 🛛 🙆 Std-Annotation 🛛 🐴 Notes 🕌 Stack Notes 🖓 Symbols 🖉 2D Tables									
▼ Plasti	c parts							▼ 🖾 Placement		
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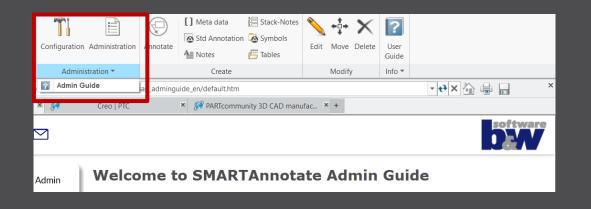


- Mixed state for Flags
 - New 'Mixed' option enables the user to set a flag status that won't lead to a missing flag notification if no flag is placed
 - Applies to Std-Annotations
 - Config option std_anno_mixed_flag_state=yes

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- New 'Admin Guide' button in the ribbon
 - Admin mode only
 - Links to admin guide and shows documentation in Creo internal browser





- New dashboard button for placing an item multiple times
 - During manual placement of flags, you now easily can place the flag multiple times using the 'Repeat' button
 - Applies to Notes and Stack-Note flags
 - Reduces numerous clicks

Attachment Type	Free *	Leader Type	Free Point 💌			-×
		Arrowhead	🗳 Automatic 🔻	~	0	€∲ X



- Automatically activate the correct filter when user dialog is opened via the 'Edit' command
 - Applies to Std-Annotations
 - (Use STRG key in Creo4)

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Modify Info 🔻										
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▼ Global Filter	- I	 Plastic parts 									
				Flag			Label				
▼ R&D	\checkmark						General data				
🖈 Plastic parts							Outer edges				
Machined parts							Inner edges				
Manufacturing							Blind hole thread length				
Customer							Undimensioned radii				
 Type Location 							Angular dim.				



- New release mechanism for object definitions and texts
 - Objective: Performance increase and streamlined xml data
 - Workflow:
 - Modified object definitions are marked as 'unpublished'
 - Use 'Publish' to expose object definition(s) for productive use

Objects List	Objects List								
StackNotes (23)									
Las c cushoning mgs/plates at both ends Las c cushoning mgs/plates at both ends Las c cushoning mgs/plates at both ends									
Female th	Find-position locking with retracted piston rod								
+ -	+ - 🛜 🖍 🖺 🖓 Manage texts								
1bd_buw	A Publish	Save	e	Exit					

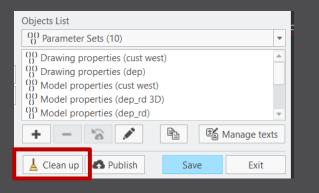


- (Workflow continued)
 - Select all intended definitions in the dialog
 - Use ,Publish and Save' to complete the process
 - User can work on ,published' object definitions only and will be notified, if there are still unpublished items.
- See details in Admin guide section:
 - Working on Content / Revising objects

9	SMARTAnnotate - Publish Objects	ж
Select the objects	you wish to publish.	
Votes		
	Position sensing via proximity sensor - 1.0.1	
V StackN	High corrosion protection - 1.0.1	
	End-position locking at both ends - 1.0.4	
	End-position locking at both ends - 1.0.3	
	End-position locking at both ends - 1.0.2	
	End-position locking advanced piston rod - 1.0.2	
≝_ Select All	Deselect all Publish and Save Close	•



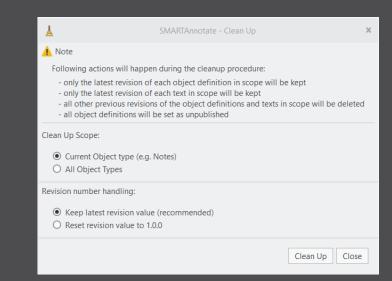
- Clean-up of revisions in the configuration xml files
 - Objective: Allow the admin to clean up unwanted or unused revisions of an object definition or even reset the whole configuration
 - Workflow:
 - Set Config option *enable_revisons_cleanup* to yes
 - Use Clean-up from the admin dialog





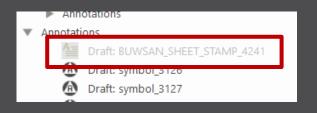
- (Workflow continued)

- Select Clean up scope
- Choose Revision number handling
- See details in Admin guide section:
 - Working on content /Clean up revision history
- Use this function carefully!





- The hidden 'format sheet stamp' note is now always located in the center of a sheet.
 - This invisible, but essential note, previously was located outside the format boundaries and may have impacted printing results.
 - It is now ensured to be located in the center of the sheet
 - Do not delete this note!





- Improvements to custom Stack-Notes
 - Line breaks are now properly kept
 - New option to preserve empty lines that are either completely empty or consist of spaces only
 - Set custom_notes_preserve_empty_lines to yes
 - Ability to create a multi-language custom stack note
 - Set enable_multi_language_custom_notes to yes

Custom Note Definition						х
▼ English	Ŧ	Symbol	Palette			
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					ОК	Cancel



- Ability to define whether to create 3D Stack-Notes within a single or multiple combined states
 - destination_comb_state_mode: single | multiple
 - single:
 - If the list of notes reaches the border of the display area, a new column will appear within the same combined state
 - multiple:
 - If the list of notes reaches the border of the display area, a new combined state is created, and the list continued.



- Display Stack-Note IDs in the user interface
 - Set show_id_column to yes

			#	Label	Value	ID		
\checkmark			1.	Ejector pin marks	🔦 Edit	def_stack_note_15		
				Value:	0.2			
\checkmark		K	2.	Cavity number	🔦 Edit	def_stack_note_cavity_num		

 Consider called out parameter values for line wrapping instead of call-out syntax



- Improvements to flags of Stack-Notes
 - Apply prefix and suffix text for 3D Stack-Note flags
 - Use 'Edit' on a flag to open the Prefix / Suffix dialog



- Annotation element parameters are created
- You may use these parameters or edit its values directly

Name	Туре	Value	Designat	Access	Source
FLAG_NOTE	String	NOTE_001		• • Full	User-Defined
BUW_FLAG_TEXT	String	1		Full	User-Defined
BUW_PREFIX	String	Prefix		● nFull	User-Defined
BUW_SUFFIX	String	Suffix		● nFull	User-Defined
PTC_NOTE_TEXT	String	&BUW_PR		Locked	Annotation



- Improvements to Flags of Stack-Notes
 - Specify text formatting for Flags independently from drawing
 - Use the two following config options to specify a pattern.txt file that controls the format of the related flags
 - flag_note_pattern_file_path_2d
 - flag_note_pattern_file_path_3d
 - Pattern file example:
 - <height="5.0">\[A]



Notification Center improvements

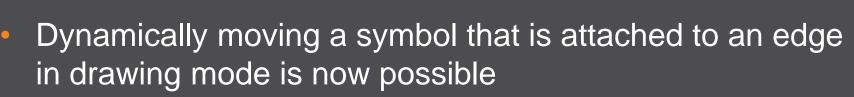
- Message improvement for missing flags and general notifications
- Ability to highlight the corresponding objects

V	Stack-Notes (2)		ZION VAN HET 30 MODEL GEINTERPRETEERD WORDEN ALS 'BASIC' AFMET TOLERANTIE XXX A B C
	🕂 📧 No flags added (ID: 586 4 - SPRING WITH APPROACHED AND LEVELLED WIRE END, PERPENDIC	<2>	UNLESS OTHERWISE SPECIFIED, THE TOLERANCE FOR ALL SURFACES IS
	🕂 📧 No flags added (ID: 857 2 - UNLESS OTHERWISE SPECIFIED, THE TOLERANCE FOR ALL SURFACE		C XXX A B C TENZIJ ANDERS VERMELD IS DE TOLERANTIE VOOR ALLE OPPERVLAKKEN
A	Warnings (8)	•	

Include listing number of Stack-Note into notifications



Annotation placement improvements



- Previously the symbol would snap to either the edge start or end point when move function was used
- Ability to reference a symbol to a Std-Annotation entity
 - Previously the related symbol would disappear on Apply or OK, as the annotation stack is rebuilt every time.
 - Now, the offset attachment relations are restored
 - This general behavior will be part of an upcoming project

Various improvements



- Ability to define the text format within pattern files
 - Multiple formatting options were added to the pattern files
 - Applies to Stack-Notes, Notes and Flags
 - See details in the Admin guide section:
 - Appendix / The pattern file

1	<height="5.0">\[L1(1)][A]\</height="5.0">				Visible surfaces
2	<u>\[L1(2)][A]\</u>				
3	<i>\[L1(3)][A]\</i>				<u>Ra 0.032 µm</u> \
4	\[L1(4)][A]\				free of scratches, streaks, sink marks and other surface defects
5	<height="3.0"></height="3.0">				and other surface detects
6	<font="consola">\[L2(1)][A]\</font="consola">				Sichtbare Flächen
7	<slant_angle="45">\[L2(2)][A]\</slant_angle="45">				Ra D. 032 µm
8	<thickness="1.0">\[L2(3)][A]\</thickness="1.0">				frei von Kratzern, Schlieren, Einfallstellen
9	<width factor="2.0">\[L2(4)][A]\</width>			~ ~ ~	Oberflächenfehlern
		ind i	ande	r e n	- Oper i achententennenn

Solved issues



• General:

- When creating Stack-Notes in solid model, placement does not fail anymore, if destination Combined State already exists
- Flag note parameter value containing number now updates correctly after re-ordering Stack-Notes in solid mode
- Cells of drawing table rows below a repeat region are now correctly translated
- User interface:
 - Tooltip for multi-language custom Stack-Notes now display correctly
 - UI table will update correctly when a flagged custom note is converted into a deleted note

Solved issues



- Annotation placement:
 - 2D Format tables are not anymore recreated every time on Apply or OK in user dialog.
 - Creation of Std-Annotation does not fail anymore if no placement coordinates are defined for the set and sheet size combination
 - Leading space character are now ignored when wrapping 2D Stack-Notes
 - The texts of Stack-Note flags are now updated on all drawing sheets after saving

Solved issues

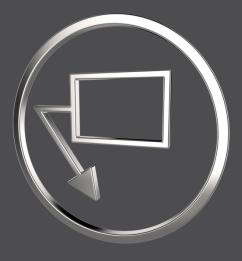


• Notification Center:

- Resolving an outdated Std-Annotation set does not anymore reset the values of some of its blocks back to default
- After resolving an outdated Symbol notification and regenerating the drawing sheet no other symbols are hidden anymore
- Interactively deleted stack note slave flags won't produce a missing flag notification
- Admin dialog:
 - Settings for group choices are now correctly saved
 - Reordering additional languages is fixed

Contact





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